



Homeland  
Security



# 9<sup>th</sup> DISTRICT LOCAL NOTICE TO MARINERS

## 30/04 WEEKLY EDITION 2004

13 JULY 2004

Issued by: Commander (oan)  
Ninth Coast Guard District  
1240 East Ninth Street,  
Cleveland, OH 44199-2060  
Telephone: (216) 902-6069

Numbers within brackets [ / ] refer to the LNM where information was first printed. Direct questions about this LNM to the above address. The Weekly Supplemental editions of the Local Notice to Mariners contain only information subsequent to the issue date of the Monthly edition. To ensure having complete information concerning the waterways within the Ninth Coast Guard District, consult Monthly Edition 29/04.

\*District Nine Internet Address\* <http://www.uscg.mil/d9/uscgd9.html>  
\*\* NIS watchstander, 24 hours a day at (703) 313-5900 \*\* \*Internet Address\*\* <http://www.navcen.uscg.gov/>  
Light List Reference: Commandant Publication P16502.7, VOL VII, 2003 Edition / Coast Pilot Reference: 2004 U.S. Coast Pilot 6 Great Lakes 34th Edition  
Coast Pilot Corrections Reference download web page: <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>

The Local Notice to Mariners is available on the Internet at <http://www.navcen.uscg.gov/lnm/d9/default.htm>. You will also have links to other government agencies' web pages including the US Army Corps of Engineers and the National Ocean Service.

### REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

The Ninth District and all Group offices for their areas of responsibility issue a **BROADCAST NOTICE TO MARINERS**.

The following *Broadcast Notice to Mariners* have been incorporated into this week's Local Notice to Mariners:

Group Buffalo, NY	B101-04	through	B107-04	Ninth District	C056-04	through	C059-04
Group Detroit, MI	D131-04	through	D134-04	Group Grand Haven, MI	G071-04	through	G079-04
Group Milwaukee, WI	M153-04	through	M164-04	Group Sault Ste Marie, MI	S134-04	through	S143-04

## I. SPECIAL NOTICES

### USACE NOTICE TO NAVIGATION INTERESTS

The following Federal Channels have conditional surveys recently completed and can be seen at the USACE Detroit District web site at <http://www.lrc.usace.army.mil/OandM/o&m.html>, the USACE Chicago District website at: <http://www.lrc.usace.army.mil>, and the USACE Buffalo District website at: <http://www.lrb.usace.army.mil/waterways/survey/survey.html>

Au Sable Harbor, MI      Grand Haven Harbor, MI      Pentwater Harbor, MI [30/04]

### U.S. COAST PILOT 6 – 2004 (34<sup>th</sup>) Edition – Change No. 08

Changes No. 08 to the U.S. Coast Pilot 6, Great Lakes 2004 34<sup>th</sup> Edition can be found in Enclosure (1) or at the following web address: <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm> [30/04]

### DGPS OFF AIR ROST – Wisconsin Point, WI – DGPS OFF-AIR REQUEST

Request Off-Air for Wisconsin Point, WI DGPS site on 17 Aug. 04 from 1400Z-1600Z (0900-1100 CST). Off-Air is required for maintenance. Alternate Off-Air Date is 18 Aug. 04 from 1400Z-1600Z (0900-1100 CST) POC: ET2 Carlson (906) 482-0493 [30/04]

### DGPS OFF AIR ROST – Keweenaw, MI – DGPS OFF-AIR REQUEST

Request Off-Air for Upper Keweenaw, MI DGPS site on 14 Aug. 04 from 1400Z-1600Z (0900-1100 CST). Off-Air is required for maintenance. Alternate Off-Air Date is 15 Aug. 04 from 1400Z-1600Z (0900-1100 CST) POC: ET2 Carlson (906) 482-0493 [30/04]

### LORAN-C OPERATIONS, LORSTA NANTUCKET (RATE 5930-X/9960-X)

This is a proposal to authorize LORSTA Nantucket (Rate 5930-X/9960-X) Unusable time from 1300 GMT to 1500 GMT 21 July 2004 users shall address inquiries to the North Eastern U.S. Loran-C Chain Operations Control Officer (LT Luci Bookhammer) at 703-313-5887. Current loran-c status is available 24 hrs/day through Internet address: <http://www.navcen.uscg.gov> [27/04]

### LAKE ERIE - Fairport Harbor – Possible Shoaling – Chart 14837

Possible shoaling has been reported in the vicinity of the Western Approach to the Fairport Harbor Breakwaters. In posit 41-46.248N, 081-16.824W, depth was reported to be 18ft. All mariners are urged to use caution while transiting the area. [17/04]

### LAKE MICHIGAN – Muskegon Lake – Conservation Club Channel – Shoaling – Chart 14934

Significant shoaling has been reported in the middle of the marked Conservation Club Channel. All mariners are advised to use caution when transiting the area. [30/04]

### LAKE MICHIGAN – Grand Haven MI – Possible Shoaling – Chart 14933

Possible shoaling has been reported on the north side of the channel east of buoy 3A in the Grand River. A survey taken by the army corps of engineers on June 1<sup>st</sup> indicates depths as shallow as 14.5 ft. All mariners are urged to use caution while transiting the area. [25/04]

**LAKE MICHIGAN – New Buffalo Harbor – Possible Shoaling – Chart 14905**

The Coast Guard has received a report of shoaling in the New Buffalo Harbor entrance vicinity of New Buffalo Harbor light 2 (LLNR 19540.) All vessels should transit the area with caution. [25/04]

**LAKE MICHIGAN, Porte Des Morts Passage – Aid Temp Discon – Aid Temp Reduced Intensity – Chart 14909**

Plum Island FR LT (LLNR 21305) is to be temporally discontinued and Plum Island RR LT (LLNR 21310) is to be burning at reduced intensity (4 NM nominal range) [27/04].

**LAKE SUPERIOR – Marquette Harbor – Maintenance Work – Chart 14970**

Effective immediately and continuing until about 19 July 2004, the U.S. Army Corps of Engineers' derrickbarge SCHWARTZ and attending plant will be performing maintenance work on the Federal navigation channel (breakwater repair) at Marquette Harbor, Michigan. Vessel operators should reduce speed and use extreme caution when navigating in this area while work is in progress. The d/b SCHWARTZ may be contacted on VHF-FM channel 16. Hours of operation are 0700 to 1730. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L04-32. Internet address: <http://www.lre.usace.army.mil> [29/04]

**II. DISCREPANCIES IN AIDS TO NAVIGATION as of 1000 July 13, 2004**

This section lists all changes to discrepancies. The following abbreviations are used:

B	Buoy	BKW	Breakwater	(C)	Canadian Aid
CHL	Channel	DAM	Damaged	DAYBD	Dayboard
DBN	Daybeacon	DECOM	Decommissioned	DISCON	Discontinued
ENT	Entrance	ESTB	Established	EXT	Extinguished
F/S	Fog Signal	HBR	Harbor	IMCH	Improper Characteristic
INOP	Inoperative	JCT	Junction	LB	Lighted Buoy
LBB	Lighted Bell Buoy	LGB	Lighted Gong Buoy	LHB	Lighted Horn Buoy
LIB	Lighted Ice Buoy	LT	Light	LWP	Left Watching Properly
OBST	Obstruction	OFFSTA	Off Station	MSLDG	Misleading
(P)	Private Aid	PARSUB	Partially Submerged	PAROBSC	Partially Obscured
PHD	Pierhead	RBN	Radiobeacon	RAC	Racon
DIM	Reduced Intensity	RELDRG	Relocated for dredging	RELSHL	Relocated for Shoaling
RELCON	Relocated for Construction	RF	Range Front	RPTD	Reported
RR	Range Rear	(SLS)	St. Lawrence Seaway Devel Corp	SND CONT	Sounding Continuously
TRUB	Temporarily Replaced With A B	TRLB	Temporarily Replaced With A LB	TRLT	Temporarily Replaced With A Light
W/M	Winter Mark				

**A. RECENT DISCREPANCIES**

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNMR Ref.
1386	KEEWAYDIN STATE PARK ENTR LB (P)	LT IMCH	(C) 1437	B085-04	27/04
2145	PORT BAY ENTR LB 1 (P)	LT IMCH	14804	B107-04	30/04
2150	PORT BAY ENTR LT 2 (P)	MISSING DAYBD	14804	B107-04	30/04
2155	PORT BAY ENTR LB 3 (P)	LT IMCH	14804	B107-04	30/04
2165	PORT BAY ENTR LB 5 (P)	LT IMCH	14804	B107-04	30/04
2515	YOUNGSTOWN SAFE BOAT ZONE LT FLOAT A (P)	MISSING	14816	B093-04	29/04
2516	YOUNGSTOWN SAFE BOAT ZONE LT FLOAT B (P)	OFFSTA	14816	B080-04	27/04
2525	YOUNGSTOWN SAFE BOAT ZONE LT FLOAT D (P)	MISSING	14816	B093-04	29/04
3080	GRAND ISL RR LT	PAR OBSC	14832	B047-04	22/04
3305	BUCKHORN ISL DIKE LT 1 (P)	LT EXT	14832	B067-04	25/04
3310	BUCKHORN ISL DIKE LT 2 (P)	LT EXT	14832	B068-04	25/04
3315	BUCKHORN ISL DIKE LT 3 (P)	LT EXT	14832	B069-04	25/04
3330	HOOKE ELECTROCHEM OUTFALL CRIB LT (P)	LT EXT	14832	B066-04	25/04
3450	DUNKIRK HBR B 9	OFFSTA	14823	B089-04	15/04
6025	TOLEDO WATER WORKS INTAKE CRIB LTS (P)	LT EXT	14847	D050-04	19/04
8350	WATERWORKS INTAKE CRIB LT (P)	LT EXT	14848	D105-04	26/04
8945	BLACK CREEK LB 2 (P)	MISSING	14853	D087-04	24/04
10130	HARBOR BEACH LT	LT EXT	14862	D123-04	28/04
11505	NORDMEER WRK LB WR1	RACON INOP	14864	S140-04	30/04
12275	ISLE ISADORE LT (P)	LT EXT	14885	S138-04	30/04
12615	NORTHWESTERN DOCK LIGHT (P)	LT EXT	14881	S139-04	26/04
13180	DARK HOLE W FR LT	DAYBD DAM	14883	S136-04	30/04
14530	WHITEFISH PT LT	LT DIM	14962	S088-04	23/04
18770	BEAR LAKE ENTRANCE WEST LIGHT (P)	LT IMCH	14934	G065-04	29/04
18855	LAKESHORE YACHT CLUB CHL B 8 (P)	MISSING	14934		28/04
18910	CONSUMER POWER CO LT 1 (P)	LT EXT	14933	G009-04	16/04
18915	CONSUMER POWER CO LT 3 (P)	LT EXT	14933	G009-04	16/04
18920	CONSUMER POWER CO LT 5 (P)	LT EXT	14933	G009-04	16/04
18490	MUSKEGON CONSERV CLUB CHL B 4 (P)	OFFSTA	14934	G075-04	30/04
19630	BUFFINGTON HBR BKW LT (P)	LT DIM	14927	M145-04	28/04
19636	BUFFINGTON HBR INNER BKW E LT 2 (P)	LT EXT	14927	M135-04	27/04
19637	BUFFINGTON HBR INNER BKW W LT 1 (P)	LT EXT	14927	M135-04	27/04
19720	WHIHALA BCH BKW LT 2 (P)	LT EXT	14905	M136-04	27/04
19775	NIPSO OBSTR B A (P)	MISSING	14905	M137-04	27/04
19956.1	NORTHERLY ISL DGR LB B (P)	SINKING	14928	M146-4	28/04

20495	RACINE W HBR ENTR LT 3 (P)	LT DIM	14925	M062-04	21/04
20500	RACINE W HBR ENTR LT 5 (P)	LT EXT	14925	M156-04	30/04
20515	RACINE W HBR ENTR LT 9 (P)	LT EXT	14925	M156-04	30/04
20530	RACINE W HBR ENTR LT 12 (P)	LT EXT	14925	M158-04	30/04
21480	MANISTIQUE W BKW LT	LT EXT	14908	S143-04	30/04
22273	SOUTH BAY MARINA ENTRANCE LIGHT 2 (P)	LT EXT	14918	M127-04	27/04

#### B. DISCREPANCIES CORRECTED

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
1385	KEEWAYDIN STATE PARK BKW LT (P)	LT IMCH	(C) 1437	B084-04	27/04
2420	WILSON HBR DBN 6	MISSING	14806	B099-04	29/04
2485	FORT NIAGARA LT	LT EXT	14816	B097-04	29/04
2910	BUFFALO SOUTH ENTR LT 1	LT EXT	14833	B098-04	29/04
3360	SENECA SHL LB 2	LT EXT	14822	B090-04	28/04
6030	TOLEDO HBR LT	LT EXT	14847	D130-04	29/04
6895	EAST OUTER CHL LT 1 E	LT EXT	14830	D129-04	29/04
8240	WILLIAM LIVINGSTON MEMORIAL LT	LT EXT	14848	D131-04	29/04
11925	INDIAN RIVER DBN 27	DBN DEST	14886		29/04
21475	MANISTIQUE LT	F/S CONT	14908	S134-04	29/04

### III. TEMPORARY CHANGES IN AIDS TO NAVIGATION as of 1000 July 13, 2004

#### A. TEMPORARY CHANGES

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
2335	GENESEE RIVER TURN BSN B 2	TEMP RENUMBER TO B 4	14815	B096-04	28/04
2337	GENESEE RIVER LB 4	TEMP ESTB TRLB	14815	B095-04	28/04
4350	LORAIN HBR LT 6	TEMP MOVED	14841		35/03
6450	LUNA PIER MARINA BKW LT 1 (P)	TEMP DISCON	14846	D224-01	23/01
6455	LUNA PIER MARINA BKW LT 2 (P)	TEMP DISCON	14846	D224-01	23/01
14540	LITTLE LAKE HBR LT 2	TEMP DISCON	14962	S046-03	06/03
14670	PRESQUE ISLE BKW LT	TEMP DISCON F/S	14970		20/04
19601	MICHIGAN CITY INNER HBR B 4	TEMP ESTB TRUB	14905	G015-04	18/04
19602	MICHIGAN CITY INNER HBR B 6	TEMP ESTB TRUB	14905	G015-04	18/04
21305	PLUM ISL FR LT	TEMP DISCON	14909		27/04
21310	PLUM ISL RR LT	TEMP LT DIM	14909		27/04
21591	LITTLE FISHDAM RIVER ACCESS LT (P)	TEMP DISCON	14908	M050-01	09/02

#### B. RECENT TEMPORARY CHANGES CORRECTIONS

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
NONE.					

### IV. CHART CORRECTIONS

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source Agency of correction	Current Notice to Mariners
14922	17th ed. MANITOWOC AND SHEBOYGAN HARBORS Change	4/25/92	Last LNM 12/93	NAD 83	(CGD9)	17/93
	Corrective action	Object of corrective action			Position	
		Manitowoc South Breakwater Light to "3" Fl G 2.5s, 37ft 8 StM			44°05'29.00"N	087°38'37.00"W

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000° true. Bearings of light sectors are toward the light from lakeward.

14774	16th ed. 12/19/92	Last LNM 16/04	NAD 83	(NOS Silver Springs, MD)	30/04
	ROUND ISLAND AND GANANOQUE, ONT. TO WOLFE ISLAND, ONT (New edition due to change in format.)			1:15,000	

This NOAA chart is now available in both the Print-on Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

14820	20th ed. Jan 2004	Last LNM 22/04	NAD 83	(CGD9)	30/04
	LAKE ERIE (LORAN C) Change From: Fl 10s HORN Priv. To: Q W HORN Priv			41°32'54.000"N	081°45'00.000"W

14826	27th ed.	11/02	Last LNM 22/04	NAD 83	(CGD9)	30/04
	<b>MOSS POINT TO VERMILION (LORAN C)</b>					
	Change	From: Fl 10s 55ft HORN Priv. To: Q W 55 ft HORN Priv			41°32'54.000"N	081°45'00.000"W
14829	6th ed.	Dec 2003	Last LNM 29/04	NAD 83	(CGD9)	30/04
	<b>GENEVA TO LORAIN (LORAN C)</b>					
	Change	From: Fl 10s 17m HORN Priv. To: Q W 15m HORN Priv			41°32'54.000"N	081°45'00.000"W
14846	12th ed.	Nov.2003	Last LNM 27/04	NAD 83	(NOS NW – 7726,7727)	30/04
	<b>WEST END OF LAKE ERIE</b>					
(P 1)	Change	<a href="#">Tabulation</a> - Toledo Harbor Channel			Title area of chart	
(P 4)	Add	14 ft sounding at			41°37'33.880"N	083°32'00.000"W
		14 ft sounding at			41°38'59.790"N	083°31'54.730"W
		24 ft sounding at			41°39'03.320"N	083°31'49.820"W
		12 ft sounding at			41°38'41.700"N	083°31'53.500"W
	Delete	13 ft sounding at			41°37'27.600"N	083°32'27.770"W
		12 ft sounding at			41°37'29.870"N	083°32'13.210"W
		15 ft sounding at			41°39'00.150"N	083°31'54.260"W
		24 ft sounding at			41°39'02.160"N	083°31'50.180"W
		14 ft sounding at			41°38'41.080"N	083°31'53.770"W
	Substitute	19 ft sounding for 26 ft sounding at			41°37'58.790"N	083°31'55.050"W
		11 ft sounding for 10 ft sounding at			41°37'35.900"N	083°32'05.100"W
(P 5)	Add	14 ft sounding at			41°38'59.790"N	083°31'54.730"W
		24 ft sounding at			41°39'03.320"N	083°31'49.820"W
		20 ft sounding at			41°39'32.720"N	083°31'05.160"W
	Delete	15 ft sounding at			41°39'00.150"N	083°31'54.260"W
		24 ft sounding at			41°39'02.160"N	083°31'50.180"W
		14 ft sounding at			41°38'41.080"N	083°31'53.770"W
		21 ft sounding at			41°39'32.920"N	083°31'04.190"W
	Substitute	24 ft sounding for 19 ft sounding at			41°39'57.960"N	083°30'13.510"W
		22 ft sounding for 20 ft sounding at			41°39'56.100"N	083°30'17.670"W
		13 ft sounding for 15 ft sounding at			41°40'06.040"N	083°29'49.400"W
(P 6)	Add	9 ft sounding at			41°40'22.040"N	083°29'27.100"W
		25 ft sounding at			41°41'12.340"N	083°28'26.970"W
		24 ft sounding at			41°41'23.350"N	083°28'15.650"W
		25 ft sounding at			41°41'24.670"N	083°28'09.740"W
		21 ft sounding at			41°41'26.710"N	083°28'10.790"W
		16 ft sounding at			41°41'28.830"N	083°28'06.080"W
		15 ft sounding at			41°41'31.760"N	083°28'04.650"W
		14 ft sounding at			41°41'44.840"N	083°27'47.460"W
		19 ft sounding at			41°41'47.800"N	083°27'44.760"W
		19 ft sounding at			41°42'03.720"N	083°26'59.910"W
		13 ft sounding at			41°42'02.640"N	083°27'02.690"W
	Delete	10 ft sounding at			41°40'22.490"N	083°29'27.160"W
		7 ft sounding at			41°41'33.900"N	083°28'15.040"W
		28 ft sounding at			41°41'13.090"N	083°28'26.640"W
		19 ft sounding at			41°41'23.680"N	083°28'11.400"W
		18 ft sounding at			41°41'26.710"N	083°28'09.770"W
		15 ft sounding at			41°41'29.710"N	083°28'04.090"W
		16 ft sounding at			41°41'32.560"N	083°28'04.650"W
		15 ft sounding at			41°41'43.520"N	083°27'47.200"W
		20 ft sounding at			41°41'47.470"N	083°27'42.980"W
		22 ft sounding at			41°42'03.880"N	083°27'01.080"W
		26 ft sounding at			41°42'05.380"N	083°26'56.020"W
		5 ft sounding at			41°42'14.200"N	083°26'47.200"W
	Substitute	4 ft sounding for 3 ft sounding at			41°41'31.040"N	083°27'57.130"W
		20 ft sounding for 22 ft sounding at			41°41'29.890"N	083°28'09.670"W
		3 ft sounding for 6 ft sounding at			41°41'31.380"N	083°28'18.700"W
		4 ft sounding for 2 ft sounding at			41°41'13.320"N	083°28'41.630"W
		16 ft sounding for 15 ft sounding at			41°41'46.780"N	083°27'37.480"W
		4 ft sounding for 1 ft sounding at			41°41'19.320"N	083°28'34.220"W
		27 ft sounding for 26 ft sounding at			41°41'17.200"N	083°28'25.900"W
		4 ft sounding for 3 ft sounding at			41°41'57.930"N	083°27'22.220"W
		4 ft sounding for 3 ft sounding at			41°42'02.450"N	083°27'10.190"W
		9 ft sounding for 10 ft sounding at			41°42'03.210"N	083°27'05.920"W
		10 ft sounding for 5 ft sounding at			41°42'06.320"N	083°26'51.260"W
		25 ft sounding for 27 ft sounding at			41°42'11.980"N	083°26'53.840"W
(P 7)	Add	25 ft sounding at			41°41'12.340"N	083°28'26.970"W
		21 ft sounding at			41°41'26.710"N	083°28'10.790"W
		16 ft sounding at			41°41'28.830"N	083°28'06.080"W
		14 ft sounding at			41°41'44.840"N	083°27'47.460"W
		19 ft sounding at			41°41'47.800"N	083°27'44.760"W
		19 ft sounding at			41°42'03.720"N	083°26'59.910"W
		26 ft sounding at			41°42'06.870"N	083°26'56.550"W

	Delete	7 ft sounding at			41°41'33.900"N	083°28'15.040"W
		28 ft sounding at			41°41'13.090"N	083°28'26.640"W
		15 ft sounding at			41°41'43.520"N	083°27'47.200"W
		20 ft sounding at			41°41'47.470"N	083°27'42.980"W
		5 ft sounding at			41°42'14.200"N	083°26'47.200"W
	Substitute	27 ft sounding for 26 ft sounding at			41°41'17.200"N	083°28'25.900"W
		10 ft sounding for 5 ft sounding at			41°42'06.320"N	083°26'51.260"W
		20 ft sounding for 22 ft sounding at			41°41'29.890"N	083°28'09.670"W
		4 ft sounding for 3 ft sounding at			41°41'31.040"N	083°27'57.130"W
		25 ft sounding for 27 ft sounding at			41°42'11.980"N	083°26'53.840"W
<b>14847</b>	30th ed.	10/30/99	Last LNM 18/03	NAD 83	(NOS NW – 7726,7727)	30/04
	<b>TOLEDO HARBOR</b>					
	Add	14 ft sounding at			41°37'33.880"N	083°32'00.000"W
		14 ft sounding at			41°38'59.790"N	083°31'54.730"W
		24 ft sounding at			41°39'03.320"N	083°31'49.820"W
		24 ft sounding at			41°41'23.350"N	083°28'15.650"W
		25 ft sounding at			41°41'24.670"N	083°28'09.740"W
		16 ft sounding at			41°41'28.830"N	083°28'06.080"W
		14 ft sounding at			41°41'44.840"N	083°27'47.460"W
		19 ft sounding at			41°41'47.800"N	083°27'44.760"W
		19 ft sounding at			41°42'03.720"N	083°26'59.910"W
		26 ft sounding at			41°42'06.870"N	083°26'56.550"W
	Change	<a href="#">Tabulation</a> - Toledo Harbor Channel centered at				41°44'30.000"N
	Delete	13 ft sounding at			41°37'27.600"N	083°32'27.770"W
		5 ft sounding at			41°42'14.200"N	083°26'47.200"W
		12 ft sounding at			41°37'29.870"N	083°32'13.210"W
		15 ft sounding at			41°39'00.150"N	083°31'54.260"W
		24 ft sounding at			41°39'02.160"N	083°31'50.180"W
		22 ft sounding at			41°42'03.880"N	083°27'01.080"W
		26 ft sounding at			41°42'05.380"N	083°26'56.020"W
		7 ft sounding at			41°41'33.900"N	083°28'15.040"W
		19 ft sounding at			41°41'23.680"N	083°28'11.400"W
		15 ft sounding at			41°41'43.520"N	083°27'47.200"W
		20 ft sounding at			41°41'47.470"N	083°27'42.980"W
	Substitute	4 ft sounding for 3 ft sounding at			41°41'31.040"N	083°27'57.130"W
		24 ft sounding for 19 ft sounding at			41°39'57.960"N	083°30'13.510"W
		22 ft sounding for 20 ft sounding at			41°39'56.100"N	083°30'17.670"W
		16 ft sounding for 15 ft sounding at			41°41'46.780"N	083°27'37.480"W
		4 ft sounding for 1 ft sounding at			41°41'19.320"N	083°28'34.220"W
		27 ft sounding for 23 ft sounding at			41°41'17.220"N	083°28'25.910"W
		4 ft sounding for 3 ft sounding at			41°42'02.450"N	083°27'10.190"W
		11 ft sounding for 13 ft sounding at			41°37'35.660"N	083°32'05.100"W
		10 ft sounding for 5 ft sounding at			41°42'06.320"N	083°26'51.260"W
		19 ft sounding for 26 ft sounding at			41°37'58.790"N	083°31'55.050"W
		20 ft sounding for 21 ft sounding at			41°41'29.900"N	083°28'09.700"W
		21 ft sounding for 20 ft sounding at			41°41'26.700"N	083°28'10.800"W
		25 ft sounding for 23 ft sounding at			41°42'12.000"N	083°26'53.800"W
		4 ft sounding for 2 ft sounding at			41°42'02.500"N	083°27'10.200"W
		12 ft sounding for 15 ft sounding at			41°38'41.700"N	083°31'53.500"W

## **V. ADVANCE NOTICE OF CHANGES TO AIDS TO NAVIGATION**

### **Lake Ontario - Black River Bay, Signal Change, Charts 14811**

The Coast Guard will be changing the characteristics on Sackets Harbor LT (LLNR 1850) to FL W 2.5s. and change the dayboards to non-lateral marks. In conjunction with this change the Coast Guard will be establishing a lighted buoy in posit 43°56'30.95"N, 076°07'11.89"W with a Fl R 4s characteristic to mark the NW shoal of Horse Island. [17/04]

### **Upper Niagara River - Charts 14822 and 14832**

The Coast Guard will be changing the Grand Island Range Lights LLNR's 3080, 3075 to a single point sector range. The change will involve disestablishing Grand Island Rear Range Light LLNR 3080, installing a Green/White/Red Sector light on Grand Island Front Range Light LLNR 3075 and renaming the Light; Grand Island Sector Range Light. The white sector will indicate the center of the channel and the colored sectors will correspond to the red and green sides of the channel. [31/03]

### **Lake Huron – Ft Gratiot Light – Nominal Range Change – Chart 14862**

The Coast Guard is upgrading the equipment and increase the nominal range of Ft Gratiot Light (LLNR 10015) from 18 M to 21 M. [19/04]

## **VI. PROPOSED CHANGES IN AIDS TO NAVIGATION**

### **St. Marys River – Rock Cut Characteristics Change – Chart 14883**

The Coast Guard is proposing to change the characteristics of Rock Cut Lights 32, 29, 28, and 27 (LLNR's 13595, 13610, 13615, and 13620) to fixed characteristics. [28/04]

*For any comments or questions on these proposed changes please contact LTJG Hall of the Ninth District Aids to Navigation office at (216) 902-6072.*



## VII. GENERAL NOTICES

\*\*\*\*\* REVISED LNM 30/04 \*\*\*\*\*

### LAKE MICHIGAN - IL - Calumet Harbor, Cal-Sag Channel, Bridge Demolition and Construction, Chart 14929

Demolition work will continue on the old Tri-State Tollway (I-294) bridge at mile 17.35 (315.5) over Cal-Sag Channel in Cook County, IL, from July 14 to approximately August 4, 2004. Work hours will be 0700 to 1600, Monday through Saturday. Work barges will be underneath the bridge during work hours and will move for passing vessels if at least 30-minutes advance notice is provided prior to passing. Mariners may call "Tri-State Tollway bridge" on VHF-FM channel 16 to provide advance notice. During non-work hours, the barges will be moored alongside the shoreline, lighted at night, and will reduce horizontal clearances by approximately 15 feet. Mariners are urged to transit with caution. [13/04] [30/04]

### STRAITS OF MACKINAC - MI - Pipeline Span Remediation - Chart 14881

On 19 July Durocher Marine will commence Pipeline Span Remediation work, which will run seven days a week 24 hours a day through 30 Sep 2004. Diving operations will be conducted off a tug and barge operating within the navigable channel between Pt La Barbe and Mc Gulpin Point. All vessels transiting the navigable channel will need to contact the Tug NANCY ANNE one-half (1/2) hour prior to passage for directions and may be contacted on VHF-FM channels 13, 16, and 18. For further information contact Durocher Marine (Cheboygan, MI) at 231-627-5633 Ext. 12 or 13. [30/04]

### LAKE SUPERIOR - MI - Little Lake Harbor - Maintenance Dredging - Chart 14962

The Ryba Marine Construction Co. will be conducting maintenance dredging in Little Lake Harbor, MI beginning 21 Jul 04 and concluding 21 Aug 04. Hours of operation will be 24 hours per day, 7 days per week. The M/V ROCHELLE KAYE may be contacted on channels 13 and/or 16 VHF-FM. Harbor will be entirely blocked to vessel traffic. Mariners are requested to exercise caution in the area. For further information contact Mr. Darrell L. Wallace at (231) 627-4333 or Fax (231) 627-4890. [30/04]

### LAKE SUPERIOR - Keweenaw Waterway - Maintenance Work - Chart 14972

Beginning 20 July 2004 and continuing until about 3 August 2004, the U.S. Army Corps of Engineers' derrickbarge SCHWARTZ and attending plant will be performing maintenance work on the Federal navigation channel (breakwater repair) at the Keweenaw Waterway, Michigan. Vessel operators should reduce speed and use extreme caution when navigating in this area while work is in progress. The d/b SCHWARTZ may be contacted on VHF-FM channel 16. Hours of operation are 0700 to 1730. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L04-35. Internet address: <http://www.lre.usace.army.mil> [30/04]

### SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed for completions are tentative.

Location	LNM	Subject	Hours / Days	Until
<b><u>NEW YORK STATE CANAL</u></b>				
Oriskany to Utica, NY	34/03	CANAL WAY TRAIL SYSTEM	0700-1700/ MON - FRI	31 DEC 04
Onandga - Seneca River, NY	18/04	BRIDGE CONSTRUCTION		31 AUG 04
Lysander, NY	18/04	BRIDGE CONSTRUCTION		15 NOV 04
<b><u>LAKE ONTARIO</u></b>				
Rochester, NY	41/03-25/04	BRIDGE CONSTRUCTION	0700-1630/ MON - FRI	2004 NAV
<b><u>SEASON</u></b>				
<b><u>LAKE ERIE</u></b>				
Buffalo Harbor, NY	29/03-28/04	BRIDGE MAINTENANCE	24 HRS/ 7 DAYS A WK	23 JUL 04
Buffalo Harbor, NY	41/03	BRIDGE MAINTENANCE	24 HRS/ 7 DAYS A WK	2004 NAV
<b><u>SEASON</u></b>				
Buffalo Harbor, NY	08/03-27/04	BRIDGE MAINTENANCE	24 HRS/ 7 DAYS A WK	JUN 2004
Buffalo Harbor, NY	28/04	BRIDGE MAINTENANCE	0700-1730/-MON-FRI	31 JUL 04
Ashtabula Harbor, OH	16/04	WAMS ANALYSIS	VARIOUS	TBD
Cleveland, OH	25/04	DREDGING	24 HRS/ 7 DAYS A WK	10 AUG 04
Cleveland, OH	14/03-17/04	PILE DRIVING, EXCAVATION, ETC.	24 HRS/ 7 DAYS A WK	DEC 2004
Cleveland Harbor, OH	12/04	BREAK WATER DISASSEMBLY, PIPELINE INSTALL	24 HRS/ 7 DAYS A WK	22 JUL 04
Cleveland Harbor, OH	12/04	PILE DRIVING, EXCAVATION, PIPE INSTALL	24 HRS/ 7 DAYS A WK	31 DEC 04
Lorain Harbor, OH	34/03	WEST PIER REHABILITATION	DAWN-DUSK/ MON - FRI	31 DEC 04
Toledo, OH	41/03	BRIDGE CONSTRUCTION	24 HRS/ 7 DAYS A WK	2004 NAV
<b><u>SEASON</u></b>				
Conneaut Harbor, OH	27/04	MAINTENANCE DREDGING	24 HRS/ 7 DAYS A WK	28 SEP 04
<b><u>DETROIT RIVER</u></b>				
Fleming Channel, MI	25/04	BARGE OPERATIONS	24 HRS/ 7 DAYS A WK	TBD
<b><u>LAKE HURON</u></b>				
Hammond Bay Harbor, MI	29/04	DREDGING	24 HRS/ 7 DAYS A WK	15 AUG 04
<b><u>ST MARYS RIVER</u></b>				
Vidal Shoals	20/04	DREDGING	24 HRS/ 7 DAYS A WK	15 JUL 04
West Neebish Channel	20/04	DREDGING	24 HRS/ 7 DAYS A WK	01 AUG 04
<b><u>LAKE MICHIGAN</u></b>				
Calumet Harbor, IL	13/04-30/04	CAL-SAG CHL BRDG DEMOLITION/CONSTRUCTION	VARIOUS	04 AUG 04
Calumet Harbor, IL	11/04	BRIDGE MAINTENANCE AND CLEARANCE	24 HRS/ 7 DAYS A WK	31 OCT 04
Calumet River IL	27/04	EMERGENCY SEAWALL REPAIR	0700-1900/MON-SAT	31 JUL 04
Chicago Harbor, IL	22/04	BRIDGE MAINTENANCE	0730-1600/MON - FRI	21 OCT to 25 NOV 04
Chicago Harbor, IL	19/04	BRIDGE MAINTENANCE	0700-1900/ 7 DAYS A WK	01 AUG 04
Chicago Harbor, IL	33/03-36/03	BRIDGE MAINTENANCE WORK	0730-1600/MON-FRI	25 NOV 04
Indiana Harbor, IN	28/04	REPORTED OBSTRUCTION	24 HRS/ 7 DAYS A WK	TBD
Milwaukee Harbor, WI	41/03	BRIDGE DEMOLITION AND CONSTRUCTION	0600-0800/ MON - FRI	2004 NAV
<b><u>SEASON</u></b>				
Milwaukee Harbor, WI	11/04	BRIDGE CLOSURE FOR SPECIAL EVENTS	VARIOUS	18 JUL 04
Pentwater Harbor, MI	25/04	DREDGING	24 HRS/ 7 DAYS A WK	15 JUL 04
Grand Haven Harbor MI	27/04	BRIDGE CLOSURE FOR SPECIAL EVENTS	VARIOUS	08 AUG 04
St. Joseph Harbor MI	27/04-28/04	BRIDGE CLOSURE FOR SPECIAL EVENTS	VARIOUS	01 AUG 04

Location	LNM	Subject	Hours / Days	Until
<b><u>ST. CLAIR RIVER</u></b>				
Port Huron Harbor MI	27/04	BRIDGE CLOSURE FOR SPECIAL EVENTS	VARIOUS	17 JUL 04
<b><u>STRAITS OF MACKINAC</u></b>				
Pt La Barbe to Mc Gulpin Point	30/04	PIPELINE SPAN REMEDIATION	24 HRS/ 7 DAYS A WK	30 SEP 04
<b><u>LAKE SUPERIOR</u></b>				
Little Lake Harbor, MI	30/04	MAINTENANCE DREDGING	24 HRS/ 7 DAYS A WK	21 AUG 04
Keweenaw Waterway, MI	30/04	MAINTENANCE WORK	0700-1730/ 7 DAYS A WK	03 AUG 04
Keweenaw MI	03/03	BRIDGE OP SCHEDULE DURING REHAB	0700-1800/ MON – FRI	31 OCT 04
Straits of Mackinac	21/04	BRIDGE MAINTENANCE - PAINTING	VARIOUS	DEC 06
Soo Locks Complex, MI	18/04	PIER CONSTRUCTION	0700-1700/ MON – SAT	31 JUL 04
Ontonagon Harbor, MI	14/04	DREDGING	24 HRS/ 7 DAYS A WK	15 JUL 04
Munising Bay, MI	18/04	MARINE SALVAGE	DUSK-DAWN/MON – SAT	15 SEP 04

#### **GREAT LAKES - GENERAL - MARINE EVENTS**

Events listed below are those events that do not have accompanying special local regulations. Mariners transiting these areas are not required to contact the U.S. Coast Guard, but are asked to exercise caution when navigating through the area of the event.

Location	LNM	Events	Dates	Time (Local)
<b><u>LAKE ERIE</u></b>				
Port Clinton, OH	28/04	Port Clinton Offshore Grand Prix	1st or 2nd weekend of July	
Cleveland, OH	28/04	Parade of Lights	3rd or 4th weekend of July	
Presque Isle Bay, PA	28/04	Tallship Erie	1st or 2nd weekend of July	
<b><u>LAKE HURON</u></b>				
St. Claire River, MI	28/04	Port Huron to Mackinac Island Race	2nd or 3rd weekend of July	
Bay City, MI	28/04	Buick Watersports Weekend	3rd or 4th weekend of July	
<b><u>LAKE MICHIGAN</u></b>				
Milwaukee, WI	21/04	Milwaukee Summerfest	Last week June through 2 <sup>nd</sup> week July	
Milwaukee Harbor, WI	28/04	Festa Italiana	3rd Weekend of July	
Pine River, MI	28/04	Venetian Festival Yacht Parade	3rd or 4th weekend of July	

#### **VIII. LIGHT LIST CORRECTIONS, VOL VII, GREAT LAKES**

(\* Denotes the column in which a correction has been made or new information added.)

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4030	Cleveland Waterworks Intake Crib Light	41 33 00 N 81 45 00 W	<b>Q W</b>	55 17		Square house on cylindrical crib	Maintained from May 1 to Dec. 1. Private Aid. HORN: 1 blast ev 30s (3s bl). <b>30/04</b>
			*				
5285	Schrocks Marina East Breakwall Light	41 32 36 N 82 46 06 W	<b>F W</b>	20 6		On post	Maintained from Mar. 15 to Dec. 15. Private Aid. <b>30/04</b>
						*	
5290	Schrocks Marina West Breakwall Light		<b>F R</b>	15 5		On post	Maintained from Apr. 20 to Oct. 20. Private Aid. <b>30/04</b>
						*	
5300	Lakevue West Entrance Light (3)	41 32 26 N 82 46 22 W	<b>F R</b>	4 1		On post	Maintained from May. 1 to Sep. 30. Private Aid. <b>30/04</b>
						*	
5450	Anchor's Away Marina Entrance Light 1		<b>F G</b>	10 3			Maintained from Apr. 1 to Dec. 1. Private Aid. <b>30/04</b>
						*	
5455	Anchor's Away Marina Entrance Light 2		<b>F R</b>	10 3			Maintained from Apr. 1 to Dec. 1. Private Aid. <b>30/04</b>
						*	

#### **IX. ENCLOSURES**

- (1) Change No. 08 to the U.S. Coast Pilot 6, Great Lakes 2004 34th Edition.
- (2) Condition of Channel – Grand Haven Harbor, MI – Chartlet.
- (3) Tabulation of Controlling Depths – Chart 14846.

R J. PAPP, JR  
Rear Admiral, U. S. Coast Guard  
Commander, Ninth Coast Guard District



Page 20-Paragraph 312, lines 4-8; read:  
weather forecasts and warnings. Chart MSC-11/12 covers Lake Superior, Michigan, Huron, Erie, and Ontario. Charts are available via the internet at

<http://www.nws.noaa.gov/om/marine/pub.htm>;

paper copies may also be ordered.

(MSC 5/04)

Page 219-Paragraph 48, read:

A floating steel pontoon ice boom is placed across the entrance to the head of the Niagara River during the winter. In any one year, installation of the boom shall not commence prior to December 16 or prior to the water temperature at the Buffalo water intake reaching 4°C (39°F), whichever occurs first. The boom shall be opened by April 1, unless there is more than 250 square miles of ice E of Long Point (42°33'N., 80°03'W.); complete disassembly and removal of all floatation equipment shall be completed within two weeks thereafter.

(CL 212/04)

Page 310-Paragraph 125, line 12; read:  
shoaling. A light marks the N ...

(19/04 CG9; LL/04)

Page 350-Paragraphs 39-40: Delete.

(NOS/04)

Page 353-Paragraph 41 through Paragraph 44:, Delete.

(NOS/04)

Page 390-Paragraph 440, lines 5-7; read:  
light; a wave gauge is about 500 feet N of the light. The basin has been ...

(22/04 CG9; LL/04)

Page 393-Paragraph 475, lines 2-5; read:  
(41°43'34"N., 87°29'36"W.), 50 feet above the water, is shown from a white square skeleton tower with red band, lower half open, on the SE end of the Calumet Harbor breakwater, a fog signal is at the light. This ...

(18/04 CG9; LL/04)

Page 454-Paragraph 999, lines 13-15; read:  
1163 W. Main Street, Appleton, WI 54911 (telephone 920-993-6999) or the U.S. Army Corps of Engineers, Fox River Sub-Office (telephone 920-766-3531). (See ...

(16/04 CG9)

Page 541-Paragraph 197, read:

WXN-68, Watertown, N.Y., 162.475 MHz  
(43°58'N., 75°55'W.)

WXL-31, Syracuse, N.Y., 162.55 MHz  
(42°58'N., 76°12'W.)

(MSC 5/04)

Page 541-Paragraphs 205-206, read:

KIH-29, Clio, Mich., 162.40 MHz  
(43°13'N., 83°43'W.)

WNG-582, Sandusky, Mich., 162.45 MHz  
(43°19'N., 82°48'W.)

KXI-33, West Branch, Mich., 162.45 MHz  
(44°13'N., 84°22'W.)

KIG-83, Alpena, Mich., 162.55 MHz  
(45°03'N., 83°43'W.)

WWF-70, Gaylord, Mich., 162.50 MHz  
(44°56'N., 84°40'W.)

(MSC 5/04)

Page 541-Paragraph 209, read:

WXN-99, West Olive, Mich., 162.425 MHz  
(42°45'N., 86°09'W.)

(MSC 5/04)

Page 541-Paragraphs 212-213, read:

KZZ-76, Racine, Wis., 162.45 MHz  
(42°42'N., 87°50'W.)

WWG-91, Sheboygan, Wis., 162.425 MHz  
(43°45'N., 87°45'W.)

KIG-65, Green Bay, Wis., 162.55 MHz  
(44°24'N., 88°00'W.)

WXN-69, Sister Bay, Wis., 162.425 MHz  
(45°11'N., 87°07'W.)

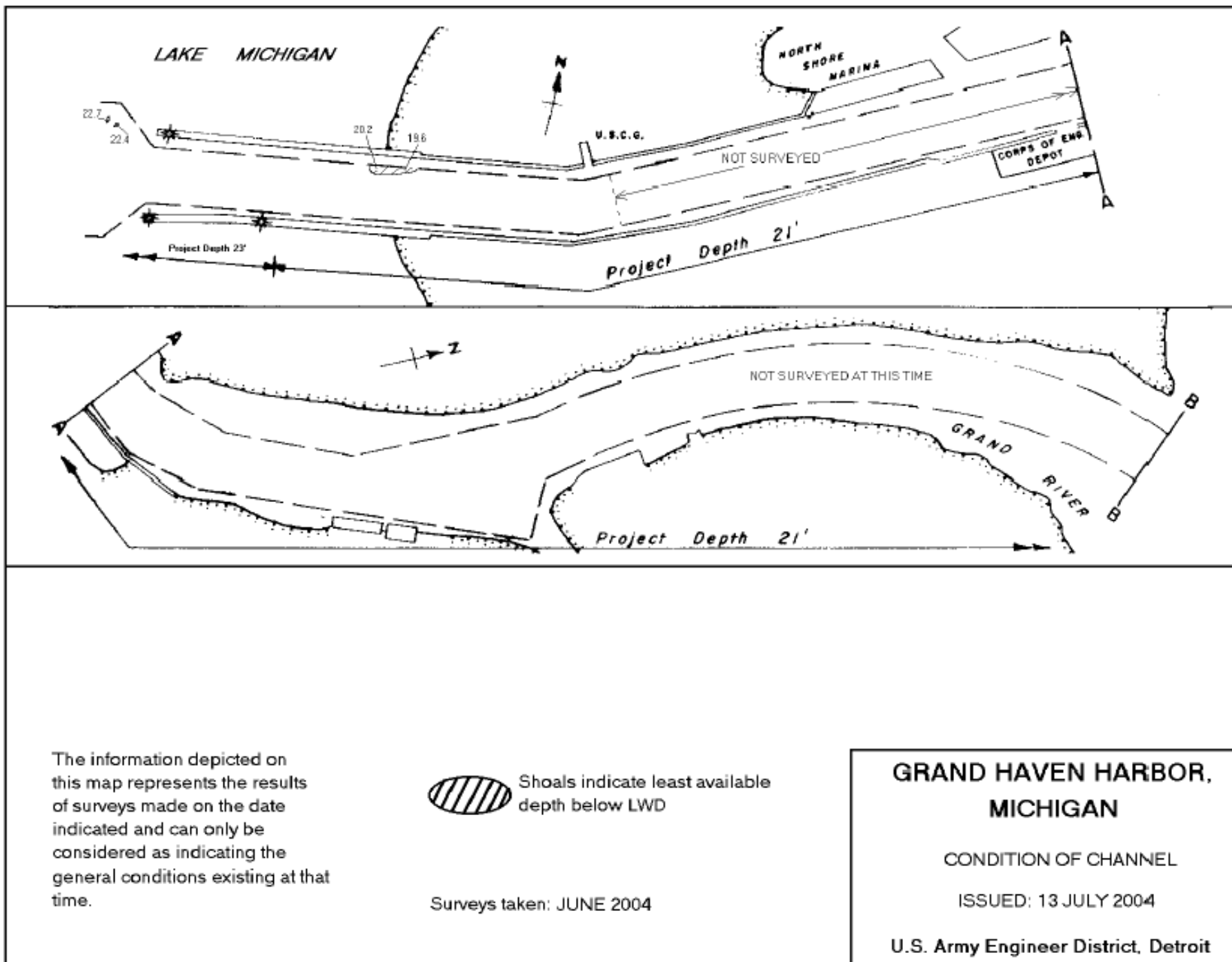
KZZ-35, Escanaba, Mich., 162.50 MHz  
(45°45'N., 87°05'W.)

WNG-576, Newberry, Mich., 162.45 MHz  
(46°20'N., 85°25'W.)

(MSC 5/04)

Page 541-Paragraph 215, Delete.

(MSC 5/04)



## CHART 14846

TOLEDO HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004 AND SURVEYS TO DEC 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
ENTRANCE CHANNEL TO BUOY 49	23.0	25.7	24.1	21.3	4-03,6-03,10-03,12-03	500	18.0	28
MAUMEE MOORING BASIN	24.0	19.0	17.9	16.8	4-03, 10-03	450	1.40	28
THENCE TO BUOY 62 MAUMEE RIVER								
CHANNEL	23.0	22.0	26.0	23.0	4-03, 11-03	400	2.65	27
RIVERSIDE TURNING BASIN	21.0	19.0	17.0	12.0	11-03	350	0.25	20
THENCE TO ANTHONY WAYNE FIXED								
BRIDGE	22.0	25.0	26.9	25.0	7-03, 11-03	200	2.51	27
THENCE TO BUOY 67	14.4	26.8	25.7	22.8	7-03	200	1.08	27
TURNING BASIN	26.6	26.0	24.8	20.6	7-03	260-630	.27	27
THENCE TO UPSTREAM LIMIT OF								
PROJECT	5.8	7.8	9.4	9.3	7-03	200	.47	25
TURNING BASIN	10.4	10.9	11.5	11.3	7-03	835	.16	18
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								